## Number of Farm Workers $=\mathbf{f}($ Time $)$

As the United States has become more industrialized fewer and fewer people have been employed in farming. Here is some data on the number of farm workers. Model number of farm workers as a function of time. Interpolate and extrapolate to estimate the number of farm workers in every decade from 1880 to 2020. Use the inverse function to predict when the number of farm workers will reach one million.

| Time (years) | Farm Workers (millions) | Time (years since | Farm Workers (millions) |
| :---: | :---: | :---: | :---: |
| 1880 | 57.1 | 1880) |  |
| 1900 | 37.5 | 0 |  |
| 1920 | 27 | 10 |  |
| 1940 | 17.4 | 20 |  |
| 1960 | 6.1 | 30 |  |
| 1980 | 2.7 | 40 |  |
| 1994 | 2.5 | 50 |  |
|  |  | 60 |  |
|  |  | 70 |  |
|  |  | 80 |  |
|  |  | 90 |  |
|  |  | 100 |  |
|  |  | 110 |  |
|  |  | 120 |  |
|  |  | 130 |  |
|  |  | 140 |  |



